

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	(image adj form\$3) and (superpos\$5 near image) and "399/228".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:21
L3	3	(image adj form\$3) and (superpos\$5 near image) and "399/235".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:21
L4	10	(image adj form\$3) and (superpos\$5 near image) and "399/179".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:22
L5	38	(image adj form\$3) and (superpos\$5 near image) and "399/223".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:22
L6	8	(image adj form\$3) and (superpos\$5 near image) and "399/231".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:22
L7	40	(image adj form\$3) and (superpos\$5 near image) and "399/299".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:22
L8	6	(image adj form\$3) and (superpos\$5 near image) and "399/306".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:22
L9	8	(image adj form\$3) and (superpos\$5 near image) and "347/112".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:23
L10	62	(image adj form\$3) and (superpos\$5 near image) and "347/116".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:24
L11	27	(image adj form\$3) and (superpos\$5 near image) and "347/115".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:24
L12	71	(image adj form\$3) and (superpos\$5 near image) and "399/301".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:24
L13	141	(image adj form\$3) and (superpos\$5 near image) and "399/302".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/30 14:25
S1	2	"803940".apn.	US-PGPUB; USPAT	OR	ON	2008/03/10 08:26
S2	1	("20040239745").PN.	US-PGPUB; USPAT	OR	ON	2008/04/12 10:26
S3	2	JP-10202944-A\$	JPO; DERWENT	OR	ON	2008/04/13 12:41
S5	2	JP-2000094747-A\$	JPO; DERWENT	OR	ON	2008/04/13 12:43

S6	6	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 near3 time) and ((single one) near3 (bearing photosensitive photoconduct\$3 drum) with (plural\$3 several two couple) near3 (develop \$4))	US-PGPUB; USPAT	OR	ON	2008/04/13 12:50
S7	9	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with time) and ((single one) near3 (bearing photosensitive photoconduct\$3 drum) with (plural\$3 several two couple) near3 (develop \$4))	US-PGPUB; USPAT	OR	ON	2008/04/13 12:56
S8	3	S7 not S6	US-PGPUB; USPAT	OR	ON	2008/04/13 12:56
S9	235	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4))	US-PGPUB; USPAT	OR	ON	2008/04/13 12:58
S10	2	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4)) and "347/112".ccls.	US-PGPUB; USPAT	OR	ON	2008/04/13 12:58
S11	27	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/13 13:01

S13	9	("4704698"   "5083140"   "5233402"   "5291222"   "5570195").PN. OR ("6204865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 13:15
S14	13	("5006705"   "5471236"   "5737006"   "5774169"   "5774248"   "5821978").PN. OR ("6108501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:05
S15	16	("5294944"   "6052205"   "6108501"   "6157797"   "6222566"   "6256461"   "6263178"   "6269228"   "6292641"   "6459816"   "6493011"   "6496677"   "6507674"   "6519052"   "6556707"   "6571071").PN. OR ("6891554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:10
S16	13	("4973989"   "5113279"   "5126756"   "5142594"   "5164742"   "5294944"   "5383007").PN. OR ("5821978").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:13
S17	30	("4615607"   "5103764"   "5148220"   "5276479"   "5321475"   "5386286"   "5495327"   "5585898"   "5749031"   "5828934"   "5915074").PN. OR ("6292641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:16
S18	50	("3781105"   "4737821"   "5189478"   "5557384"   "5701566"   "5887218"   "5926670"   "5930556"   "5946538"   "5970278"   "5983060"   "6006062").PN. OR ("6269228").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:17
S19	13	("4615607"   "5303013"   "5376998"   "5627722"   "5740493"   "5862438"   "6029033").PN. OR ("6263178").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:18
S20	21	("4615607"   "5337136"   "5512986"   "5515145").PN. OR ("6256461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:19

S21	22	("4403851"   "4912491"   "4921236"   "5160946"   "5740492"   "5765083"   "5828926"   "5915074"   "6064411").PN. OR ("6222566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:20
S22	8	("20040100550"   "20050212887"   "5915074"   "5991051"   "6292641"   "6674982"   "6718151"   "7181148"). PN. OR ("7289135"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:26
S23	19	("20010028387"   "20030067533"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "5424765"   "6151152"   "6157797"   "6222566"   "6243124"   "6256461"   "6263178"   "6292641").PN. OR ("7247840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:27
S24	17	("20030169325"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "6157797"   "6222566"   "6256461"   "6263178"   "6292641"   "6674982"   "6718151"). PN. OR ("6919911"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:29
S25	17	("5572303"   "5600405"). PN. OR ("5970278"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:43
S26	19	("5243392"   "5253022"   "5402218"   "5438398"   "5600420"   "5608505"   "5669052").PN. OR ("5946538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:44
S27	26	("4615807"   "4655579"   "4662739"   "4664501"   "4690542"   "4742371"   "4746950"   "4750017"   "4796050"   "4922301"   "4933727"   "5160969"   "5321475"   "5652948"). PN. OR ("5926670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:44

S28	11	("3815988"   "3972608"   "4589035"   "4599285"   "4682880").PN. OR ("4737821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:46
S29	8	S19 not (S13 S14 S15 S16 S17 S18)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:48
S30	5	S20 not (S13 S14 S15 S16 S17 S18 S19)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:49
S31	17	S21 not (S13 S14 S15 S16 S17 S18 S19 S20)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:51
S32	9	("5991051"   "6157797"   "6181892"   "6222566"   "6243542").PN. OR ("6574442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:52
S33	13	("5499092"   "5515145").PN. OR ("5828926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:53
S34	32	("5384592"   "5499092"   "5627649").PN. OR ("5765083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:53
S35	28	("5255063"   "5270769"   "5300982"   "5452073"   "5499092"   "5515145").PN. OR ("5740492").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:54
S36	4	S22 not (S13 S14 S15 S16 S17 S18 S19 S20 S21)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:55
S37	13	S23 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:56
S38	1	S24 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:58
S39	3	("2003/0169325").URPN.	USPAT	OR	ON	2008/04/13 14:59
S40	15	S25 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:59
S41	6	("20040126128"   "5926670"   "5930571"   "5970278"   "6253039"   "6266497").PN. OR ("7356274").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 14:59
S42	4	("20040126128"   "5926670"   "5970278"   "6253039").PN. OR ("6925270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:00

S43	18	("4916547"   "5671470"   "5724634"   "5826146"   "5835825"   "5970278"   "6070037"   "6070047"   "6160569"   "6226481"   "6256459"   "6397027"). PN. OR ("6535707"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:00
S44	17	S26 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:04
S45	13	("4403866"   "5408070"   "5604567"   "5713062"   "5897239"   "5926670"   "5946538"   "6052195"   "6125247"   "6308019"   "6330407").PN. OR ("6985681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:05
S46	7	("5809387"   "5946538"   "5953572"   "6026269"). PN. OR ("6112038"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:09
S47	11	("3970381"   "5034777"   "5132738"   "5253022"). PN. OR ("5402218"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:09
S48	16	S27 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:10
S49	13	("4748513"   "5379098"   "5383012"   "5481365"   "5485257"   "5572303"   "5673115"   "5745661"   "5815280"   "5926670"   "5930571"   "6034792"   "6049394").PN. OR ("7006239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:11
S50	19	("4931839"   "5138363"   "5237374").PN. OR ("5652948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:11
S51	32	("3970042"   "4659211"   "4841337"   "4884096"   "4891672"   "4939548"). PN. OR ("5160969"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:12
S52	41	("4082443"   "4101067"   "4697920"   "4788572"   "4847660"   "4849795"). PN. OR ("4933727"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:12

S53	9	S28 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:13
S54	3	S32 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:16
S55	10	S33 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:17
S56	5	("20030118379"   "20050100361"   "5652948"   "5828926"   "6823166").PN. OR ("7310487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:17
S57	1	("5828926").PN. OR ("6907217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:18
S58	30	S34 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:19
S59	15	("5083140"   "5164783"   "5233402"   "5305023"   "5602578"   "5631691"   "5765083"   "5821970"   "6075547").PN. OR ("6336024").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:22
S60	6	("5737003"   "5765083"   "5905519"   "5978003"). PN. OR ("6075547"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:23
S61	21	S35 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:24
S62	24	("4349847"   "5083140"   "5083141"   "5153644"   "5164783"   "5264870"   "5285221"   "5305023"   "5331341"   "5424763"   "5444525"   "5457487"   "5541637"   "5602578"   "5646749"   "5648809"   "5740492").PN. OR ("5821970").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:27
S63	21	("4518976"   "4556311"   "4652115"   "4821066"   "4872037"   "4903067"   "5021835"   "5043761"). PN. OR ("5270769"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:28

S64	2	S39 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:29
S65	3	S41 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:30
S66	2	("2004/0126128").URPN.	USPAT	OR	ON	2008/04/13 15:30
S67	14	("5274461"   "5383012"   "5668937"   "5668938"   "5673115"   "5696853"   "5760811"   "5764867"   "5920686"   "5940653"). PN. OR ("6266497"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:31
S68	0	S42 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:32
S69	15	S43 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:32
S70	14	("20030128997"   "20030133719"   "4922301"   "5294967"   "5640654"   "5797069"   "5826146"   "5887227"   "5918092"   "5991580"   "6201939"   "6535707"). PN. OR ("7158740"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:32
S71	12	("20030128997"   "20030133719"   "4922301"   "5294967"   "5640654"   "5797069"   "5826146"   "5887227"   "5918092"   "5991580"   "6201939"   "6535707"). PN. OR ("7068966"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:33
S72	35	("5212560"   "5237369"   "5270783"   "5293198"   "5298944"   "5398101"   "5424809"   "5568227"   "5630195"   "5761570"   "5781826"   "5860038"   "6029034").PN. OR ("6160569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:33



S73	11	S45 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:35
S74	3	("5640645"   "6985681"   "6990298").PN. OR ("7200353").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:36
S75	4	("6336024"   "6766124"   "6985681"   "6990298").PN. OR ("7177571").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:36
S76	13	("5264902"   "5287163"   "5523829"   "5640645"   "5761594"   "5809373"   "5887218"   "5890030"   "5899610").PN. OR ("6330407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:36
S77	13	("5678130"   "5732310"   "5809373"   "5809387"   "5999763"   "6049681"   "6094557").PN. OR ("6308019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:37
S78	10	("5214480"   "5264902"   "5390012"   "5508796"   "5523829"   "5539507"   "5809373"   "5899610").PN. OR ("6125247").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:37
S79	5	S46 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:38
S80	9	S47 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:39
S81	15	("5038178"   "5235386"   "5307127"   "5321482"   "5390012"   "5402218").PN. OR ("5600423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:40
S82	10	S49 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:41

S83	16	("4605957"   "4695895"   "4731672"   "5086318"   "5164783"   "5335056"   "5383012"   "5481365"). PN. OR ("5673115"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:42
S84	20	("4439790"   "4878110"   "5001574"   "5189523"   "5260804"   "5327261"). PN. OR ("5481365"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:43
S85	13	("4998216"   "5065233"   "5086318").PN. OR ("5383012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:43
S86	16	S50 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:44
S87	18	("3838919"   "4931839"   "5099286"   "5173735"   "5291252"   "5373354"   "5376999"   "5390010"   "5434659"   "5652948"   "5671464").PN. OR ("5907746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:46
S89	29	S51 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:47
S90	21	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5132742"   "5160969"   "5162852"   "5164783"   "5314774"   "5325165"   "5402212"   "5444515"   "5510886"   "5512986"   "5587769"   "5752137"   "6574451").PN. OR ("6836632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:48

S91	27	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5132742"   "5160969"   "5162852"   "5164783"   "5314774"   "5325165"   "5402212"   "5444515"   "5510886"   "5512986"   "5587769"   "5752137"). PN. OR ("6574451"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:48
S92	27	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5160969"   "5164783"   "5314774"   "5402212"   "5444515"   "5512986"   "5587769"   "5752137"). PN. OR ("6085051"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:49
S93	18	("4901110"   "4933727"   "5160969"   "5444515"   "5512986").PN. OR ("5815775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:49
S94	14	("4713673"   "4782360"   "4939548"   "5132733"   "5160969"   "5294967"). PN. OR ("5471292"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:50
S95	7	("5126795"   "5160969"   "5204716").PN. OR ("5459563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:51
S96	40	("2910963"   "3572288"   "3914043"   "3960445"   "3967891"   "4099860"   "4346982"   "4373798"   "4572102"   "4579443"   "4619514"   "4627707"   "4634259"   "4641602"   "4657376"   "4659211"   "4666288"   "4685794"   "4690543"   "4710016"   "4720730"   "4723148"   "4728985"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4772921"   "4814823").PN. OR ("4884096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:52

S97	19	("3799668"   "4068940"   "4159174"   "4385823"   "4577954"   "4615607"   "4734735"   "4809037"). PN. OR ("4841337"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:53
S98	29	S52 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 15:53
S99	11	("4181423"   "4515460"   "4766463"   "4771319"   "4933727"   "5040026"   "5099286"   "5194902"). PN. OR ("5280325"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:03
S100	9	("4595273"   "4615607"   "4631596"   "4827315"   "4924324"   "4933727"   "4998145").PN. OR ("5164781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:03
S101	17	("1947204"   "1947660"   "1959669"   "4400740"   "4408826"   "4613877"   "4922266"   "4933727"   "4940310").PN. OR ("5083141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:04
S102	14	("4400740"   "4613877"   "4922266"   "4933727"). PN. OR ("5055860"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:04
S103	3	S56 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:06
S104	1	("2005/0100361").URPN.	USPAT	OR	ON	2008/04/13 16:06
S105	4	("20010043825"   "4899198"   "5079592"). PN. OR ("6823166"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:06
S106	3	("2003/0118379").URPN.	USPAT	OR	ON	2008/04/13 16:07

S107	0	S57 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:07
S108	9	S59 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:07
S109	8	("5790930"   "6301451"   "6336024"   "6363228"   "6427062"   "6493011"   "6832060"   "7092651"). PN. OR ("7197255"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:07
S110	10	("5254915"   "5444525"   "5471292"   "5634171"   "5946537"   "6021258"   "6064849"   "6336024"   "6633737"   "6832060"). PN. OR ("7184677"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:08
S111	6	("6336024"   "6633737"). PN. OR ("6832060"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:08
S112	12	("5444525"   "5471292"   "5634171"   "5946537"   "6021258"   "6064849"   "6336024").PN. OR ("6633737").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:09
S113	10	("4977414"   "4992884"   "5027158"   "5367363"). PN. OR ("5631691"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:09
S114	13	("4752804"   "5227850"   "5285221"   "5313252"   "5319423"   "5390010"   "5424763").PN. OR ("5602578").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:09
S115	24	("4819025"   "4847660"   "4908675"   "4947209"   "4959669"   "4975741"   "5023708").PN. OR ("5164783").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:10

S116	3	S60 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:10
S117	17	S62 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:11
S118	17	("4910532"   "5128699"   "5499092"   "5640645"   "5774772"   "5821970"   "5890030").PN. OR ("6184910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:12
S119	7	("5285221").PN. OR ("5648809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:12
S120	22	("4677292"   "4723145"   "4796095"   "4914485"   "4956651"   "5014137"   "5083140"   "5086318"   "5175564"   "5264870"   "5305023").PN. OR ("5457487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:13
S121	21	("3862365"   "4461999"   "4578689"   "4695778"   "4760251"   "4795950"   "4860035"   "4963899"   "5032853"   "5083140").PN. OR ("5424763").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:14
S122	13	("4723145"   "4821048"   "4942406").PN. OR ("5331341").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:14
S123	10	("4257053"   "5055886"   "5151717"   "5168290").PN. OR ("5285221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:14
S124	18	("4190867"   "4723145"   "4734715"   "4833489"   "4862196").PN. OR ("5264870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:15
S125	18	S63 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:16

S126	22	("4705386"   "4723145"   "4788572").PN. OR ("4872037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:18
S127	0	S66 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:18
S128	11	S67 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:19
S129	16	("5274461"   "5383012"   "5668937"   "5668938"   "5673115"   "5696853"   "5760811"   "5764867"   "5768486"   "5854888"   "5889931"   "5920686"   "5940653"   "6052200"   "6192208"   "6266497").PN. OR ("6587655").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:19
S130	10	S70 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:21
S131	18	("20020102108"   "20040086286"   "20040223772"   "20050196183"   "20050220460"   "20050276619"   "4949124"   "4952987"   "4958192"   "5115282"   "5565973"   "5943088"   "6006050"   "6029023"   "6229554"   "6980750"   "7072597"   "7158740").PN. OR ("7289750").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:22
S132	5	("2003/0128997").URPN.	USPAT	OR	ON	2008/04/13 16:23

S133	16	("4078412"   "4743938"   "4772916"   "5335056"   "5486902"   "5508796"). PN. OR ("5640654"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:23
S134	0	S71 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:24
S135	30	S72 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:24
S136	2	S74 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:29
S137	5	("5300982"   "5450180"   "6445900").PN. OR ("6990298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:29
S138	30	("5099286"   "5182598"   "5189478"   "5438398"). PN. OR ("5640645"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:30
S139	1	S75 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:30
S140	8	("5781826"   "6324358"   "6327458"   "6519443"   "6608991").PN. OR ("6766124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:30



S141	9	S76 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:30
S142	8	("4403866"   "5604567"   "5713062"   "5897239"   "6052195"   "6125247"   "6330407").PN. OR ("6801728").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:31
S143	25	("3963341"   "4872037"   "4873541"   "5040026"   "5043761"   "5091751"   "5099286"   "5214480"   "5225852"   "5249023"   "5260751").PN. OR ("5523829").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:32
S144	9	S77 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:32
S145	13	("4515460"   "5099286"   "5291252"   "5565975"   "5587769"   "5732314"   "5752130"   "5802442"   "5940668"   "5983062").PN. OR ("6094557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:34
S146	25	("4461563"   "5079597"   "5132738"   "5173735"   "5179397"   "5198863"   "5264902"   "5285245"   "5337127"   "5485256").PN. OR ("5732310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:34
S147	4	S78 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:35

S148	20	("4766463"   "4772916"   "4899196"   "5132736"   "5137265"   "5225852"   "5249023"   "5255908"   "5260751").PN. OR ("5539507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:35
S149	11	S81 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:36
S150	10	S83 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:38
S151	2	("5673115"   "6049351").PN. OR ("6642949").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:38
S152	11	("4942406"   "5142304"   "5331341"   "5424763"   "5457487"   "5481365"   "5673115"   "5724440"   "5748328").PN. OR ("6236415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:38
S153	16	("4712906"   "5006900"   "5070369"   "5249021"   "5333057"   "5335056"   "5383012"   "5481365"   "5636010"   "5673115"   "5689790").PN. OR ("5870648").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:39
S154	17	("4472047"   "4663257"   "4664499"   "4712906"   "4772916"   "4899196").PN. OR ("5335056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:40

S155	14	S84 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:40
S156	5	("4449152"   "5132787"   "5481365"   "5751446"   "5798841").PN. OR ("6462843").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:41
S157	5	("4553172"   "4949188"   "5481365").PN. OR ("6459503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:41
S158	11	("4611901"   "4833503"   "5043744"   "5083140"   "5241400"   "5305023"   "5381165"   "5481365"   "5627649"   "5926561").PN. OR ("6320682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:42
S159	19	("4467348"   "4547062"   "4558356"   "4580889"   "4652913"   "4667227"   "4673972"   "4675696"   "4680625"   "4694502"   "4703346"   "4721969").PN. OR ("4878110").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:44
S160	6	S85 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:44
S161	15	S87 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:46

S162	15	("4931839"   "5253022"   "5621509"   "5689771"   "5717981"   "5822648"   "5907746"   "5940668"   "5953572"   "5966561"   "5966564").PN. OR ("6035154").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:46
S163	53	("3697170"   "3697171"   "3893761"   "3904406"   "3923392"   "4187774"   "4542978"   "4652115"   "4690539").PN. OR ("5099286").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:48
S164	16	S90 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:49
S165	22	("4713673"   "4746951"   "4754301"   "4801966").PN. OR ("4939547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:51
S166	6	S91 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:51
S167	8	S92 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:52

S168	9	S93 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:54
S169	18	("5204729"   "5438398"   "5666599"   "5729808"   "5745255"   "5745830"   "5761568"   "5809373"   "5815775").PN. OR ("6219498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:55
S170	7	("5204729"   "5729808"   "5745830"   "5809373"   "5815775").PN. OR ("6044236").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:55
S171	8	S94 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:56
S172	6	S95 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:57
S173	38	S96 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 16:59

S174	7	("3914043"   "4814824"   "4862216"   "4862219"   "4884096"   "4885611"). PN. OR ("4952983"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:00
S175	17	S97 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:04
S176	16	("4841337"   "4958192"   "4959669"   "5019859"   "5023708"   "5075725"   "5225872"   "5253018"   "5253031").PN. OR ("5327209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:04
S177	8	S99 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:06
S178	20	("4589765"   "4669853"   "4681313"   "4696564"). PN. OR ("4766463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:08
S179	6	S100 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:08

S180	8	("5109476"   "5164781"   "5177507"   "5194899"   "5392076"   "5465163"   "5517319"   "5585936"). PN. OR ("5822656"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:09
S181	20	("4097139"   "4273438"   "4562130"   "4586810"   "4655573"   "4723146"   "4772916"   "4796056"   "4876570"   "4878091"). PN. OR ("4998145"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:09
S182	14	S101 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:10
S183	9	S102 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:11
S184	13	("3809806"   "4578786"   "4591880"   "5055860"   "5093674"   "5175564"   "5430472"   "5457487"   "5552876"   "5680167"). PN. OR ("5852461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:12

S185	0	S104 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:12
S186	3	S105 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:13
S187	0	S106 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:13
S188	5	S109 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:13
S189	6	("5790930"   "6301451"   "6363228"   "6427062"   "6493011").PN. OR ("7092651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:14



S190	5	S110 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:15
S191	10	("5812919").PN. OR ("6064849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:15
S192	16	("5083140"   "5235392"   "5264870"   "5325154"   "5331341"   "5349374"   "5424763"   "5457487"   "5519500"   "5541637"   "5565906").PN. OR ("5634171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:16
S193	15	("3569811"   "3725758"   "3757183"   "3906315"   "3944899"   "4492903"   "4623827"   "4691653"). PN. OR ("5254915"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:17
S194	2	S111 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:17
S195	3	S112 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:18

S196	6	S113 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:19
S197	4	("5631691"   "5646749"). PN. OR ("6204866"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:19
S198	7	S114 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:20
S200	12	S115 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:22
S201	29	("4870466"   "4901110"   "4939547"   "5164783"   "5314774"   "5444515"). PN. OR ("5666599"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:23
S202	12	("4403848"   "4547062"   "4558356"   "4731638"). PN. OR ("5023708"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:23

S203	44	("4577219"   "4580889"   "4663662"   "4680625"   "4701790"   "4769695"   "4791450").FN. OR ("4959669").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:24
S204	4	S18 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:24
S205	19	("5219154"   "5224693"   "5227842"   "5255904"   "5270783"   "5297376"   "5315322"   "5316282"   "5325213"   "5390033"   "5471277"   "5583607"   "5583662"   "5610720"   "5682227"   "5689348"   "5847845"   "6075624"   "6184910").FN. OR ("6873346").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:25
S206	4	S19 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:25

S207	14	S120 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:26
S208	15	S121 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:28
S209	5	S122 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:30

S210	5	S123 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:31
S211	13	S124 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:32
S212	4	("5264870"   "5634171"   "5638191").PN. OR ("6151053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:33
S213	14	S126 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:34

S214	20	("4025182"   "4194829"   "4416534"   "4537493"). PN. OR ("4705386"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:36
S215	5	S129 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:36
S216	16	S131 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:38
S217	13	("5177536"   "5267007"   "5287148"   "5294959"   "5294967"   "5296897"   "5327209"   "5327339"   "5416506"   "5479175"). PN. OR ("5943088"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:40

S218	41	("2910963"   "3572288"   "3914043"   "3960445"   "3967891"   "4099860"   "4256400"   "4346982"   "4373798"   "4572102"   "4579443"   "4582417"   "4587568"   "4619514"   "4627707"   "4634259"   "4641602"   "4655580"   "4657376"   "4659211"   "4666288"   "4668978"   "4685794"   "4690543"   "4710016"   "4720730"   "4723148"   "4728985"   "4731637"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4772921"). PN. OR ("5115282"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:41
S219	3	S132 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:42
S220	9	S133 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:43

S221	10	("4772916"   "4851960"   "4888621"   "4912515"   "5132736"   "5683167"). PN. OR ("5486902"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:44
S223	17	("4593991"   "4615612"   "4620783"   "4646679"   "4697915"   "4707108"   "4723145").PN. OR ("4772916").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:45
S224	2	S137 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:45
S225	30	("5483330"   "5732312"   "5870650"   "5890030"   "5991561"   "6035157"   "6163661"   "6212351"). PN. OR ("6445900"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:46
S226	17	S138 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:46



S227	5	S140 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:48
S228	3	("5999760"   "6192205"   "6766124").PN. OR ("7043170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:49
S229	0	S142 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:49
S230	16	S143 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:50

		S129 S131 S132 S133 S137 S138 S140 S142)				
S231	13	("4772916"   "4785324"   "5249023"   "5260751"   "5287163"   "5521680"   "5523829").PN. OR ("5666597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:51
S232	8	S145 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:52
S233	18	S146 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 17:53

S234	10	S148 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:00
S235	24	("5179397"   "5196885"   "5214480"   "5223900"   "5493378"   "5508796"   "5539507"   "5543904"   "5781826").PN. OR ("6088567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:01
S236	0	S151 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:02

S237	5	S152 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:02
S238	19	("3831091"   "4319285"   "4393387"   "4491853"   "4528561"   "4578689"   "4682190"   "4742363"   "4816924"   "4992884"). PN. OR ("5142304"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:04
S239	9	S153 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:04

S240	9	S154 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:06
S241	21	("3909818"   "4236813"   "4734760"   "4884104"   "4941170"   "5040031"   "5200830"   "5325209"   "5335056"   "5410642"   "5475500"   "5528374"   "5528758"   "5537598"   "5548789").FN. OR ("5883724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:06
S242	4	S156 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:08

S243	4	S157 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:09
S244	6	S158 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:10
S245	16	S159 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:11

		S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158)				
S246	33	("3230303"   "4205322"   "4448867"   "4543613"   "4558356"   "4590515"). PN. OR ("4680625"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:13
S247	8	S162 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:14
S248	17	("5196893").PN. OR ("5822648").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:15
S249	38	S163 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:15

		S151 S152 S153 S154 S156 S157 S158 S159 S162)				
S250	14	S165 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:18
S251	4	("4939547"   "5610701"   "5809380"   "5956552"). PN. OR ("6408155"). UAPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:19
S252	13	S169 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:20



S253	2	S170 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:22
S254	5	S174 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:22

S255	36	("3914043"   "3960445"   "3967891"   "4099860"   "4346982"   "4572102"   "4619514"   "4634259"   "4657376"   "4659211"   "4666288"   "4690543"   "4710016"   "4720730"   "4723148"   "4728985"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4772921").FN. OR ("4885611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:24
S256	51	("2910963"   "3572288"   "3914043"   "3960445"   "3967891"   "4099860"   "4346982"   "4373798"   "4572102"   "4579443"   "4619514"   "4627707"   "4634259"   "4641602"   "4657376"   "4659211"   "4666288"   "4668978"   "4674861"   "4685794"   "4690543"   "4707110"   "4707713"   "4710016"   "4720730"   "4723148"   "4728985"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4769675"   "4772921").FN. OR ("4862216").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:24
S257	29	("3914043"   "4054380"   "4327994"   "4437756"   "4609283"   "4647188"   "4657376"   "4669858"   "4697917"   "4754303"). FN. OR ("4814824"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:24
S258	11	S176 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:25

		S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170 S174)				
S259	18	S178 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170 S174 S176)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:26
S260	7	S180 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170 S174 S176 S178)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:28

S261	15	S181 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148 S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170 S174 S176 S178 S180)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:29
S262	10	("3883242"   "4072412"   "4586810"   "4642661"   "4674860"   "4998145"). PN. OR ("5210576"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:31
S263	11	("4275958"   "4512655"   "4641954"   "4761668"   "4862216"   "4959695"   "4998145"   "5040031"   "5063127"   "5097296"   "5113202").PN. OR ("5179395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:31
S264	9	S184 not (S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S32 S33 S34 S35 S39 S41 S42 S43 S45 S46 S47 S49 S50 S51 S52 S56 S57 S59 S60 S62 S63 S66 S67 S70 S71 S72 S74 S75 S76 S77 S78 S81 S83 S84 S85 S87 S90 S91 S92 S93 S94 S95 S96 S97 S99 S100 S101 S102 S104 S105 S106 S109 S110 S111 S112 S113 S114 S115 S118 S119 S120 S121 S122 S123 S124 S126 S129 S131 S132 S133 S137 S138 S140 S142 S143 S145 S146 S148	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/13 18:32

		S151 S152 S153 S154 S156 S157 S158 S159 S162 S163 S165 S169 S170 S174 S176 S178 S180 S181)					
S265	9	("4704698"   "5083140"   "5233402"   "5291222"   "5570195").PN. OR ("6204865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S266	13	("5006705"   "5471236"   "5737006"   "5774169"   "5774248"   "5821978"). PN. OR ("6108501"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S267	16	("5294944"   "6052205"   "6108501"   "6157797"   "6222566"   "6256461"   "6263178"   "6269228"   "6292641"   "6459816"   "6493011"   "6496677"   "6507674"   "6519052"   "6556707"   "6571071"). PN. OR ("6891554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S268	13	("4973989"   "5113279"   "5126756"   "5142594"   "5164742"   "5294944"   "5383007").PN. OR ("5821978").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S269	30	("4615607"   "5103764"   "5148220"   "5276479"   "5321475"   "5386286"   "5495327"   "5585898"   "5749031"   "5828934"   "5915074").PN. OR ("6292641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S270	50	("3781105"   "4737821"   "5189478"   "5557384"   "5701566"   "5887218"   "5926670"   "5930556"   "5946538"   "5970278"   "5983060"   "6006062"). PN. OR ("6269228"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S271	13	("4615607"   "5303013"   "5376998"   "5627722"   "5740493"   "5862438"   "6029033").PN. OR ("6263178").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	
S272	21	("4615607"   "5337136"   "5512986"   "5515145"). PN. OR ("6256461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59	

S273	22	("4403851"   "4912491"   "4921236"   "5160946"   "5740492"   "5765083"   "5828926"   "5915074"   "6064411").PN. OR ("6222566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S274	8	("20040100550"   "20050212887"   "5915074"   "5991051"   "6292641"   "6674982"   "6718151"   "7181148"). PN. OR ("7289135"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S275	19	("20010028387"   "20030067533"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "5424765"   "6151152"   "6157797"   "6222566"   "6243124"   "6256461"   "6263178"   "6292641").PN. OR ("7247840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S276	17	("20030169325"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "6157797"   "6222566"   "6256461"   "6263178"   "6292641"   "6674982"   "6718151"). PN. OR ("6919911"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S277	17	("5572303"   "5600405"). PN. OR ("5970278"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S278	19	("5243392"   "5253022"   "5402218"   "5438398"   "5600420"   "5608505"   "5669052").PN. OR ("5946538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S279	26	("4615607"   "4655579"   "4662739"   "4664501"   "4690542"   "4742371"   "4746950"   "4750017"   "4796050"   "4922301"   "4933727"   "5160969"   "5321475"   "5652948"). PN. OR ("5926670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S280	11	("3815988"   "3972608"   "4589035"   "4599285"   "4682880").PN. OR ("4737821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S281	9	("5991051"   "6157797"   "6181892"   "6225566"   "6243542").PN. OR ("6574442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S282	13	("5499092"   "5515145").PN. OR ("5828926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S283	32	("5384592"   "5499092"   "5627649").PN. OR ("5765083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S284	28	("5255063"   "5270769"   "5300982"   "5452073"   "5499092"   "5515145").PN. OR ("5740492").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S285	3	("2003/0169325").URPN.	USPAT	OR	ON	2008/04/14 07:59
S286	6	("20040126128"   "5926670"   "5930571"   "5970278"   "6253039"   "6266497").PN. OR ("7356274").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S287	4	("20040126128"   "5926670"   "5970278"   "6253039").PN. OR ("6925270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S288	18	("4916547"   "5671470"   "5724634"   "5826146"   "5835825"   "5970278"   "6070037"   "6070047"   "6160569"   "6226481"   "6256459"   "6397027").PN. OR ("6535707").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S289	13	("4403866"   "5408070"   "5604567"   "5713062"   "5897239"   "5926670"   "5946538"   "6052195"   "6125247"   "6308019"   "6330407").PN. OR ("6985681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S290	7	("5809387"   "5946538"   "5953572"   "6026269").PN. OR ("6112038").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S291	11	("3970381"   "5034777"   "5132738"   "5253022"). PN. OR ("5402218"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S292	13	("4748513"   "5379098"   "5383012"   "5481365"   "5485257"   "5572303"   "5673115"   "5745661"   "5815280"   "5926670"   "5930571"   "6034792"   "6049394").PN. OR ("7006239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S293	19	("4931839"   "5138363"   "5237374").PN. OR ("5652948").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S294	32	("3970042"   "4659211"   "4841337"   "4884096"   "4891672"   "4939548"). PN. OR ("5160969"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S295	41	("4082443"   "4101067"   "4697920"   "4788572"   "4847660"   "4849795"). PN. OR ("4933727"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S296	5	("20030118379"   "20050100361"   "5652948"   "5828926"   "6823166").PN. OR ("7310487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S297	1	("5828926").PN. OR ("6907217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S298	15	("5083140"   "5164783"   "5233402"   "5305023"   "5602578"   "5631691"   "5765083"   "5821970"   "6075547").PN. OR ("6336024").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S299	6	("5737003"   "5765083"   "5905519"   "5978003"). PN. OR ("6075547"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S300	24	("4349847"   "5083140"   "5083141"   "5153644"   "5164783"   "5264870"   "5285221"   "5305023"   "5331341"   "5424763"   "5444525"   "5457487"   "5541637"   "5602578"   "5646749"   "5648809"   "5740492").PN. OR ("5821970").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59



S301	21	("4518976"   "4556311"   "4652115"   "4821066"   "4872037"   "4903067"   "5021835"   "5043761"). PN. OR ("5270769"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S302	2	("2004/0126128").URPN.	USPAT	OR	ON	2008/04/14 07:59
S303	14	("5274461"   "5383012"   "5668937"   "5668938"   "5673115"   "5696853"   "5760811"   "5764867"   "5920686"   "5940653"). PN. OR ("6266497"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S304	14	("20030128997"   "20030133719"   "4922301"   "5294967"   "5640654"   "5797069"   "5826146"   "5887227"   "5918092"   "5991580"   "6201939"   "6535707"). PN. OR ("7158740"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S305	12	("20030128997"   "20030133719"   "4922301"   "5294967"   "5640654"   "5797069"   "5826146"   "5887227"   "5918092"   "5991580"   "6201939"   "6535707"). PN. OR ("7068966"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S306	35	("5212560"   "5237369"   "5270783"   "5293198"   "5298944"   "5398101"   "5424809"   "5568227"   "5630195"   "5761570"   "5781826"   "5860038"   "6029034").PN. OR ("6160569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S307	3	("5640645"   "6985681"   "6990298").PN. OR ("7200353").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S308	4	("6336024"   "6766124"   "6985681"   "6990298"). PN. OR ("7177571"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S309	13	("5264902"   "5287163"   "5523829"   "5640645"   "5761594"   "5809373"   "5887218"   "5890030"   "5899610").PN. OR ("6330407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S310	13	("5678130"   "5732310"   "5809373"   "5809387"   "5999763"   "6049681"   "6094557").PN. OR ("6308019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S311	10	("5214480"   "5264902"   "5390012"   "5508796"   "5523829"   "5539507"   "5809373"   "5899610"). PN. OR ("6125247"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S312	15	("5038178"   "5235386"   "5307127"   "5321482"   "5390012"   "5402218"). PN. OR ("5600423"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S313	16	("4605957"   "4695895"   "4731672"   "5086318"   "5164783"   "5335056"   "5383012"   "5481365"). PN. OR ("5673115"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S314	20	("4439790"   "4878110"   "5001574"   "5189523"   "5260804"   "5327261"). PN. OR ("5481365"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S315	13	("4998216"   "5065233"   "5086318").PN. OR ("5383012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S316	18	("3838919"   "4931839"   "5099286"   "5173735"   "5291252"   "5373354"   "5376999"   "5390010"   "5434659"   "5652948"   "5671464").PN. OR ("5907746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S317	21	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5132742"   "5160969"   "5162852"   "5164783"   "5314774"   "5325165"   "5402212"   "5444515"   "5510886"   "5512986"   "5587769"   "5752137"   "6574451").PN. OR ("6836632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S318	27	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5132742"   "5160969"   "5162852"   "5164783"   "5314774"   "5325165"   "5402212"   "5444515"   "5510886"   "5512986"   "5587769"   "5752137"). PN. OR ("6574451"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S319	27	("3604797"   "4076409"   "4870466"   "4901110"   "4922300"   "4933727"   "4939547"   "5063409"   "5160969"   "5164783"   "5314774"   "5402212"   "5444515"   "5512986"   "5587769"   "5752137"). PN. OR ("6085051"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S320	18	("4901110"   "4933727"   "5160969"   "5444515"   "5512986").PN. OR ("5815775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S321	14	("4713673"   "4782360"   "4939548"   "5132733"   "5160969"   "5294967"). PN. OR ("5471292"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S322	7	("5126795"   "5160969"   "5204716").PN. OR ("5459563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S323	40	("2910963"   "3572288"   "3914043"   "3960445"   "3967891"   "4099860"   "4346982"   "4373798"   "4572102"   "4579443"   "4619514"   "4627707"   "4634259"   "4641602"   "4657376"   "4659211"   "4666288"   "4685794"   "4690543"   "4710016"   "4720730"   "4723148"   "4728985"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4772921"   "4814823").PN. OR ("4884096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S324	19	("3799668"   "4068940"   "4159174"   "4385823"   "4577954"   "4615607"   "4734735"   "4809037"). PN. OR ("4841337"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S325	11	("4181423"   "4515460"   "4766463"   "4771319"   "4933727"   "5040026"   "5099286"   "5194902"). PN. OR ("5280325"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S326	9	("4595273"   "4615607"   "4631596"   "4827315"   "4924324"   "4933727"   "4998145").PN. OR ("5164781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S327	17	("1947204"   "1947660"   "1959669"   "4400740"   "4408826"   "4613877"   "4922266"   "4933727"   "4940310").PN. OR ("5083141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S328	14	("4400740"   "4613877"   "4922266"   "4933727"). PN. OR ("5055860"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S329	1	("2005/0100361").URPN.	USPAT	OR	ON	2008/04/14 07:59
S330	4	("20010043825"   "4899198"   "5079592"). PN. OR ("6823166"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S331	3	("2003/0118379").URPN.	USPAT	OR	ON	2008/04/14 07:59

S332	8	("5790930"   "6301451"   "6336024"   "6363228"   "6427062"   "6493011"   "6832060"   "7092651"). PN. OR ("7197255"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S333	10	("5254915"   "5444525"   "5471292"   "5634171"   "5946537"   "6021258"   "6064849"   "6336024"   "6633737"   "6832060"). PN. OR ("7184677"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S334	6	("6336024"   "6633737"). PN. OR ("6832060"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S335	12	("5444525"   "5471292"   "5634171"   "5946537"   "6021258"   "6064849"   "6336024").PN. OR ("6633737").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S336	10	("4977414"   "4992884"   "5027158"   "5367363"). PN. OR ("5631691"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S337	13	("4752804"   "5227850"   "5285221"   "5313252"   "5319423"   "5390010"   "5424763").PN. OR ("5602578").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S338	24	("4819025"   "4847660"   "4908675"   "4947209"   "4959669"   "4975741"   "5023708").PN. OR ("5164783").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S339	17	("4910532"   "5128699"   "5499092"   "5640645"   "5774772"   "5821970"   "5890030").PN. OR ("6184910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S340	7	("5285221").PN. OR ("5648809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S341	22	("4677292"   "4723145"   "4796095"   "4914485"   "4956651"   "5014137"   "5083140"   "5086318"   "5175564"   "5264870"   "5305023").PN. OR ("5457487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S342	21	("3862365"   "4461999"   "4578689"   "4695778"   "4760251"   "4795950"   "4860035"   "4963899"   "5032853"   "5083140"). PN. OR ("5424763"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S343	13	("4723145"   "4821048"   "4942406").PN. OR ("5331341").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S344	10	("4257053"   "5055886"   "5151717"   "5168290"). PN. OR ("5285221"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S345	18	("4190867"   "4723145"   "4734715"   "4833489"   "4862196").PN. OR ("5264870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S346	22	("4705386"   "4723145"   "4788572").PN. OR ("4872037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S347	16	("5274461"   "5383012"   "5668937"   "5668938"   "5673115"   "5696853"   "5760811"   "5764867"   "5768486"   "5854888"   "5889931"   "5920686"   "5940653"   "6052200"   "6192208"   "6266497"). PN. OR ("6587655"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S348	18	("20020102108"   "20040086286"   "20040223772"   "20050196183"   "20050220460"   "20050276619"   "4949124"   "4952987"   "4958192"   "5115282"   "5565973"   "5943088"   "6006050"   "6029023"   "6229554"   "6980750"   "7072597"   "7158740"). PN. OR ("7289750"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S349	5	("2003/0128997").URPN.	USPAT	OR	ON	2008/04/14 07:59
S350	16	("4078412"   "4743938"   "4772916"   "5335056"   "5486902"   "5508796"). PN. OR ("5640654"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S351	5	("5300982"   "5450180"   "6445900").PN. OR ("6990298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S352	30	("5099286"   "5182598"   "5189478"   "5438398").PN. OR ("5640645").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S353	8	("5781826"   "6324358"   "6327458"   "6519443"   "6608991").PN. OR ("6766124").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S354	8	("4403866"   "5604567"   "5713062"   "5897239"   "6052195"   "6125247"   "6330407").PN. OR ("6801728").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S355	25	("3963341"   "4872037"   "4873541"   "5040026"   "5043761"   "5091751"   "5099286"   "5214480"   "5225852"   "5249023"   "5260751").PN. OR ("5523829").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S356	13	("4515460"   "5099286"   "5291252"   "5565975"   "5587769"   "5732314"   "5752130"   "5802442"   "5940668"   "5983062").PN. OR ("6094557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S357	25	("4461563"   "5079597"   "5132738"   "5173735"   "5179397"   "5198863"   "5264902"   "5285245"   "5337127"   "5485256").PN. OR ("5732310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S358	20	("4766463"   "4772916"   "4899196"   "5132736"   "5137265"   "5225852"   "5249023"   "5255908"   "5260751").PN. OR ("5539507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S359	2	("5673115"   "6049351").PN. OR ("6642949").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S360	11	("4942406"   "5142304"   "5331341"   "5424763"   "5457487"   "5481365"   "5673115"   "5724440"   "5748328").PN. OR ("6236415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S361	16	("4712906"   "5006900"   "5070369"   "5249021"   "5333057"   "5335056"   "5383012"   "5481365"   "5636010"   "5673115"   "5689790").PN. OR ("5870648").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S362	17	("4472047"   "4663257"   "4664499"   "4712906"   "4772916"   "4899196").PN. OR ("5335056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S363	5	("4449152"   "5132787"   "5481365"   "5751446"   "5798841").PN. OR ("6462843").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S364	5	("4553172"   "4949188"   "5481365").PN. OR ("6459503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S365	11	("4611901"   "4833503"   "5043744"   "5083140"   "5241400"   "5305023"   "5381165"   "5481365"   "5627649"   "5926561").PN. OR ("6320682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S366	19	("4467348"   "4547062"   "4558356"   "4580889"   "4652913"   "4667227"   "4673972"   "4675696"   "4680625"   "4694502"   "4703346"   "4721969").PN. OR ("4878110").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S367	15	("4931839"   "5253022"   "5621509"   "5689771"   "5717981"   "5822648"   "5907746"   "5940668"   "5953572"   "5966561"   "5966564").PN. OR ("6035154").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S368	53	("3697170"   "3697171"   "3893761"   "3904406"   "3923392"   "4187774"   "4542978"   "4652115"   "4690539").PN. OR ("5099286").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S369	22	("4713673"   "4746951"   "4754301"   "4801966").PN. OR ("4939547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59



S370	18	("5204729"   "5438398"   "5666599"   "5729808"   "5745255"   "5745830"   "5761568"   "5809373"   "5815775").PN. OR ("6219498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S371	7	("5204729"   "5729808"   "5745830"   "5809373"   "5815775").PN. OR ("6044236").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S372	7	("3914043"   "4814824"   "4862216"   "4862219"   "4884096"   "4885611").PN. OR ("4952983").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S373	16	("4841337"   "4958192"   "4959669"   "5019859"   "5023708"   "5075725"   "5225872"   "5253018"   "5253031").PN. OR ("5327209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S374	20	("4589765"   "4669853"   "4681313"   "4696564").PN. OR ("4766463").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S375	8	("5109476"   "5164781"   "5177507"   "5194899"   "5392076"   "5465163"   "5517319"   "5585936").PN. OR ("5822656").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S376	20	("4097139"   "4273438"   "4562130"   "4586810"   "4655573"   "4723146"   "4772916"   "4796056"   "4876570"   "4878091").PN. OR ("4998145").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S377	13	("3809806"   "4578786"   "4591880"   "5055860"   "5093674"   "5175564"   "5430472"   "5457487"   "5552876"   "5680167").PN. OR ("5852461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S378	6	("5790930"   "6301451"   "6363228"   "6427062"   "6493011").PN. OR ("7092651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59

S379	0	S378 not (S265 S266 S267 S268 S269 S270 S271 S272 S273 S274 S275 S276 S277 S278 S279 S280 S281 S282 S283 S284 S285 S286 S287 S288 S289 S290 S291 S292 S293 S294 S295 S296 S297 S298 S299 S300 S301 S302 S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328 S329 S330 S331 S332 S333 S334 S335 S336 S337 S338 S339 S340 S341 S342 S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354 S355 S356 S357 S358 S359 S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375 S376 S377)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 07:59
S380	10	("5812919").PN. OR ("6064849").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:01
S381	8	S380 not (S265 S266 S267 S268 S269 S270 S271 S272 S273 S274 S275 S276 S277 S278 S279 S280 S281 S282 S283 S284 S285 S286 S287 S288 S289 S290 S291 S292 S293 S294 S295 S296 S297 S298 S299 S300 S301 S302 S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328 S329 S330 S331 S332 S333 S334 S335 S336 S337 S338 S339 S340 S341 S342 S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354 S355 S356 S357 S358 S359	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:01

		S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375 S376 S377 S378)				
S382	16	("5083140"   "5235392"   "5264870"   "5325154"   "5331341"   "5349374"   "5424763"   "5457487"   "5519500"   "5541637"   "5565906").PN. OR ("5634171").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:03
S383	5	S382 not (S265 S266 S267 S268 S269 S270 S271 S272 S273 S274 S275 S276 S277 S278 S279 S280 S281 S282 S283 S284 S285 S286 S287 S288 S289 S290 S291 S292 S293 S294 S295 S296 S297 S298 S299 S300 S301 S302 S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328 S329 S330 S331 S332 S333 S334 S335 S336 S337 S338 S339 S340 S341 S342 S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354 S355 S356 S357 S358 S359 S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375 S376 S377 S378 S380)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:03
S384	14	("4937664"   "5175570"   "5291223"   "5302973"   "5315321"   "5359434"   "5381167"   "5634171"   "5963240").PN. OR ("6493010").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:04
S385	15	("3569811"   "3725758"   "3757183"   "3906315"   "3944899"   "4492903"   "4623827"   "4691653"). PN. OR ("5254915"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:06

S386	14	S385 not (S265 S266 S267 S268 S269 S270 S271 S272 S273 S274 S275 S276 S277 S278 S279 S280 S281 S282 S283 S284 S285 S286 S287 S288 S289 S290 S291 S292 S293 S294 S295 S296 S297 S298 S299 S300 S301 S302 S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328 S329 S330 S331 S332 S333 S334 S335 S336 S337 S338 S339 S340 S341 S342 S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354 S355 S356 S357 S358 S359 S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375 S376 S377 S378 S380 S382)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:06
S387	16	("5294944"   "6052205"   "6108501"   "6157797"   "6222566"   "6256461"   "6263178"   "6269228"   "6292641"   "6459816"   "6493011"   "6496677"   "6507674"   "6519052"   "6556707"   "6571071"). PN. OR ("6891554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:25
S388	30	("4615607"   "5103764"   "5148220"   "5276479"   "5321475"   "5386286"   "5495327"   "5585898"   "5749031"   "5828934"   "5915074").PN. OR ("6292641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:39
S389	30	S388 not (S387)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:39
S390	13	("4615607"   "5303013"   "5376998"   "5627722"   "5740493"   "5862438"   "6029033").PN. OR ("6263178").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:43

S391	8	S390 not (S387 S388)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:43
S392	21	("4615607"   "5337136"   "5512986"   "5515145"). FN. OR ("6256461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:46
S393	5	S392 not (S387 S388 S390)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:46
S394	22	("4403851"   "4912491"   "4921236"   "5160946"   "5740492"   "5765083"   "5828926"   "5915074"   "6064411").FN. OR ("6222566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:48
S395	18	S394 not (S387 S388 S390 S392)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:49
S396	0	("2007/0013762").URPN.	USPAT	OR	ON	2008/04/14 18:30
S397	235	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4))	US-PGPUB; USPAT	OR	ON	2008/04/14 19:10
S398	27	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/14 19:10
S399	208	S397 not S398	US-PGPUB; USPAT	OR	ON	2008/04/14 19:10
S400	26	("4647961"   "4760427"   "4841358"   "4968997"   "5017969"   "5083160"   "5121166"   "5194959"   "5390010"   "5404206"   "5701566"   "5740492"   "5790930"   "5899603"   "5966561"   "5983060"   "6006062"   "6035158"   "6148163"   "6157797"   "6188861"   "6215974"   "6223008"   "6269228"   "6308027").FN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:22

		("6839531").URPN.				
S401	16	("4277162"   "5017969"   "5121166"   "5390010"   "5740492"   "5790930"   "5899603"   "5966561"   "5978615"   "6035158"   "6148163"   "6188861"   "6308027"   "6377763"). PN. OR ("6920291"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:26
S402	5	S401 not (S400)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:26
S403	29	("4277162"   "4647961"   "4760427"   "4841358"   "4968997"   "5017969"   "5083160"   "5121166"   "5194959"   "5390010"   "5404206"   "5701566"   "5740492"   "5790930"   "5899603"   "5966561"   "5978615"   "5983060"   "6006062"   "6035158"   "6148163"   "6157797"   "6188861"   "6215974"   "6223008"   "6269228"   "6308027"   "6377763"   "6920291").PN. OR ("7149446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:27
S404	1	S403 not (S400 S401)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:27
S405	0	("2004/0202486").URPN.	USPAT	OR	ON	2008/04/15 08:28
S406	13	("20010051055"   "20030063921"   "20030219286"   "5600423"   "5809387"   "6091913"   "6222566"   "6332066"   "6336026"   "6427062"   "6477339"   "6556797"   "6574442"). PN. OR ("7010254"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:33
S407	15	("4515460"   "4593991"   "4615607"   "4875079"   "4987455"   "5121171"   "5526107"   "5532812"   "5629761"   "5752137"   "5805967"   "5915074"). PN. OR ("6332066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:34
S409	15	S407 not (S400 S401 S403 S406)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:35

S410	9	("5991051"   "6157797"   "6181892"   "6222566"   "6243542").PN. OR ("6574442").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:36
S411	5	S410 not (S400 S401 S403 S406 S407)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 08:37
S412	0	(image adj form\$3) and (superpos\$5 near image) and ((bearing photosensitive photoconduct\$3 drum) near3 (single one each) with (develop\$4) near3 (two couple second)) and timing and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 08:41
S413	10	(image adj form\$3) and (superpos\$5 near image) and ((bearing photosensitive photoconduct\$3 drum) near3 (single one each) with (develop\$4) near3 (two couple second)) and timing	US-PGPUB; USPAT	OR	ON	2008/04/15 08:42
S414	136	(image adj form\$3) and ((bearing photosensitive photoconduct\$3 drum) near3 (single one each) with (develop\$4) near3 (two couple second)) and timing	US-PGPUB; USPAT	OR	ON	2008/04/15 08:44
S415	30	(image adj form\$3) and (superpos\$5 near3 image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 08:55
S416	27	(image adj form\$3) and (superpos\$5 near image) and (intermediate with rotat\$3 with (many several couple two twice second time)) and ((bearing photosensitive photoconduct\$3 drum) with (develop\$4)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 08:56
S417	3	S415 not S416	US-PGPUB; USPAT	OR	ON	2008/04/15 08:56

S418	4	(image adj form\$3) and color and (superpos\$5 near3 image) and ((mark\$3 near3 signal) same (beam near3 signal)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 08:59
S419	4	(image adj form\$3) and color and (superpos\$5 near3 image) and ((mark\$3 near3 signal) same (beam near3 signal))	US-PGPUB; USPAT	OR	ON	2008/04/15 09:00
S420	64	(image adj form\$3) and ((mark\$3 near3 signal) same (beam near3 signal))	US-PGPUB; USPAT	OR	ON	2008/04/15 09:01
S422	91	(image adj form\$3) and (mark\$3 same beam same timing) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 09:11
S423	96	(image adj form\$3) and (mark\$3 same (beam bd) same timing) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 09:30
S424	5	S423 not S422	US-PGPUB; USPAT	OR	ON	2008/04/15 09:31
S425	270	(image adj form\$3) and (mark\$3 same (beam bd) same timing)	US-PGPUB; USPAT	OR	ON	2008/04/15 09:32
S426	174	S425 not S423	US-PGPUB; USPAT	OR	ON	2008/04/15 09:32
S428	139	(image adj form\$3) and (mark\$3 same (beam bd) same time) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 09:48
S429	89	S428 not S425	US-PGPUB; USPAT	OR	ON	2008/04/15 09:48
S430	354	(image adj form\$3) and (mark\$3 with (beam bd) with time)	US-PGPUB; USPAT	OR	ON	2008/04/15 10:03
S431	300	S430 not S425	US-PGPUB; USPAT	OR	ON	2008/04/15 10:03
S432	174	(image adj form\$3) and (intermediate same (bearing photosensitive photoconduct\$3 drum) same develop\$4 same (sync synchroniz\$5 superpos\$5 tim\$3)) and "347".clas.	US-PGPUB; USPAT	OR	ON	2008/04/15 10:26
S433	0	("2006/0192838").URPN.	USPAT	OR	ON	2008/04/15 10:30



S434	23	("4779106").PN. OR ("4930087").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 12:51
S435	16	("5294944"   "6052205"   "6108501"   "6157797"   "6222566"   "6256461"   "6263178"   "6269228"   "6292641"   "6459816"   "6493011"   "6496677"   "6507674"   "6519052"   "6556707"   "6571071"). PN. OR ("6891554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:16
S436	19	("20010028387"   "20030067533"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "5424765"   "6151152"   "6157797"   "6222566"   "6243124"   "6256461"   "6263178"   "6292641").PN. OR ("7247840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:21
S437	17	("20030169325"   "4835780"   "4837588"   "4888777"   "4962431"   "5059987"   "5095315"   "5122678"   "5258780"   "5294944"   "6157797"   "6222566"   "6256461"   "6263178"   "6292641"   "6674982"   "6718151"). PN. OR ("6919911"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:25
S438	3	S437 not (S435 S436)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:25
S439	3	("2003/0169325").URPN.	USPAT	OR	ON	2008/04/15 17:26
S440	3	S439 not (S435 S436 S437)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:26

S441	40	("2910963"   "3572288"   "3914043"   "3960445"   "3967891"   "4099860"   "4346982"   "4373798"   "4572102"   "4579443"   "4619514"   "4627707"   "4634259"   "4641602"   "4657376"   "4659211"   "4666288"   "4685794"   "4690543"   "4710016"   "4720730"   "4723148"   "4728985"   "4740811"   "4743945"   "4743946"   "4745437"   "4746954"   "4754301"   "4772921"   "4814823").PN. OR ("4884096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:27
S442	40	S441 not (S435 S436 S437 S439)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:27
S443	0	("2005/0264639").URPN.	USPAT	OR	ON	2008/04/15 17:30
S444	0	("2005/0030365").URPN.	USPAT	OR	ON	2008/04/15 17:30
S446	0	("2006/0192838").URPN.	USPAT	OR	ON	2008/04/15 17:31
S447	14	("4647961"   "4841358"   "4968997"   "5194959"   "5404206"   "5915074"   "6157797"   "6215974"   "6256461"   "6263178"   "6292641"   "6308027").PN. OR ("6718151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:31
S448	29	("4403851"   "4542976"   "4821051"   "4875153"   "4921236"   "5155506").PN. OR ("6157797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:32
S449	18	("4647961"   "4841358"   "4876572"   "4968997"   "5105221"   "5194959"   "5266998"   "5404206"   "6157797"   "6215974"   "6256461"   "6292641"   "6308027"   "6546217"   "6549737"   "6674982"   "6832061"   "7072601").PN. OR ("7257350").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:34

S450	21	("4647961"   "4841358"   "4876572"   "4968997"   "5105221"   "5194959"   "5266998"   "5404206"   "6157797"   "6215974"   "6256461"   "6292641"   "6308027"   "6549737"). PN. OR ("6832061"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:35
S451	7	S450 not (S449)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:35
S452	17	("4647961"   "4841358"   "4876572"   "4968997"   "5105221"   "5194959"   "5266998"   "5404206"   "6157797"   "6215974"   "6256461"   "6292641"   "6308027"   "6546217"   "6549737"   "6674982"   "6832061").PN. OR ("7123858").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:36
S453	0	S452 not (S449 S450)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:36
S454	46	("4647961"   "4821063"   "4841358"   "4954849"   "4968997"   "4975749"   "4979727"   "4987446"   "5014091"   "5194959"   "5266998"   "5369479"   "5404206"   "5752133"   "5758243"   "6088555"   "6122468"   "6157797"   "6215974"   "6249304"   "6256461"   "6292641"   "6308027"   "6347204"). PN. OR ("6674982"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:37
S455	31	S454 not (S449 S450 S452)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:37
S456	16	("3392667"   "5121171"   "5204729"   "5406359"   "5444515"   "5550626"   "5557377"   "5576824"   "5613175"   "5742887"). PN. OR ("6240271"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:42
S457	16	S456 not (S449 S450 S452 S454)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:43

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S459	15	S458 not (S449 S450 S452 S454 S456)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:44
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S461	10	S460 not (S449 S450 S452 S454 S456 S458)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:46
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S463	2	S462 not (S449 S450 S452 S454 S456 S458 S460)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:47
S464	7	("20040091292"   "20050036798"   "6393229"   "6591072"   "6819902"   "6996358"). PN. OR ("7120368"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:48
S465	5	S464 not (S449 S450 S452 S454 S456 S458 S460 S462)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:48
S466	7	("20020094220"   "5716750"   "6363229"   "6803932"   "6819902"   "6996358").PN. OR ("7113729").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:49
S467	3	S466 not (S449 S450 S452 S454 S456 S458 S460 S462 S464)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:49
S468	13	("5305057"   "5372906"). PN. OR ("6013403"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:51
S469	9	S468 not (S449 S450 S452 S454 S456 S458 S460 S462 S464 S466)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:51

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S476	0	("2005/0275707").URPN.	USPAT	OR	ON	2008/04/15 17:57
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S478	3	S477 not (S449 S450 S452 S454 S456 S458 S460 S462 S464 S466 S468 S470 S472)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:57
S479	12	("4266868"   "4591261"   "4792225"   "5140572"   "5159587"   "5172356"   "6157797"   "6215974"   "6256461"   "6292641"   "6574442"   "6611672").PN. OR ("6842598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:58
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S482	3	S481 not (S449 S450 S452 S454 S456 S458 S460 S462 S464 S466 S468 S470 S472 S477 S479)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:59

S483	15	("4515460"   "4593991"   "4615607"   "4875079"   "4987455"   "5121171"   "5526107"   "5532812"   "5629761"   "5752137"   "5805967"   "5915074"). PN. OR ("6332066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 17:59
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S487	13	("20010051055"   "20030063921"   "20030219286"   "5600423"   "5809387"   "6091913"   "6222566"   "6332066"   "6336026"   "6427062"   "6477339"   "6556797"   "6574442"). PN. OR ("7010254"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 18:01
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S494	27	("4731634"   "4868611"   "5049949"   "5155541"   "5221954"   "5223906"   "5337136"   "5347303"   "5373313"   "5444463"   "5534990"   "5565974"   "5592281").PN. OR ("5837408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 18:05
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S512	1	"6263178".pn.	US-PGPUB; USPAT	OR	ON	2008/04/17 09:45

4/ 30/ 2008 2:25:44 PM

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